

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,404,984 B2  
APPLICATION NO. : 09/855321  
DATED : July 29, 2008  
INVENTOR(S) : Tuomo Suntola and Sven Lindfors

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 1, line 2, Below "Title" insert -- Reference to Related applications --.

At column 2, line 24, Delete "substrates." and insert -- substrate. --, therefor.

At column 3, line 1, Delete "FL" and insert -- FI --, therefor.

At column 3, line 11, Delete "arrang" and insert -- arrangement --, therefor.

At column 4, line 3, Delete "phase;" and insert -- phase. --, therefor.

At column 4, line 7, After "required" delete "." and insert -- , --, therefor.

At column 4, line 8, After "an" delete ".".

At column 4, line 30, Delete "indesirable" and insert -- undesirable --, therefor.

At column 4, line 30, Delete "reactions" insert -- reactions, --, therefor.

At column 4, line 56, Delete "Zn Cl<sub>2</sub>," and insert -- ZnCl<sub>2</sub>, --, therefor.

At column 5, line 4, Delete "above." and insert -- above, --, therefor.

At column 5, line 32, Delete "1 m" and insert -- 1 ppm --, therefor.

At column 5, line 51, Delete "evacuation." and insert -- evacuation, --, therefor.

At column 5, line 59, After "the" delete ".".

At column 5, line 60, Delete "produces" and insert -- products --, therefor.

At column 6, line 36, Delete "substrate" and insert -- substrates. --, therefor.

At column 6, line 47, Delete "front1" and insert -- front, --, therefor.

At column 6, line 49, Delete "301-5:1." and insert -- 30:1-5:1. --, therefor.

At column 6, line 53, Delete "lop" and insert -- top --, therefor.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 7, line 23, Delete "fore" and insert -- form --, therefor.

At column 7, line 23, Delete "space." and insert -- space, --, therefor.

At column 7, line 63, After "process" insert -- . --.

At column 8, line 37, Delete "aces" and insert -- acts --, therefor.

At column 8, line 42, Delete "arc" and insert -- are --, therefor.

At column 9, line 2, Delete "narrow." and insert -- narrow, --, therefor.

At column 9, line 19, Delete "low" and insert -- flow --, therefor.

At column 9, line 63, Delete "clement" and insert -- element --, therefor.

At column 10, line 52, Delete "patter" and insert -- pattern --, therefor.

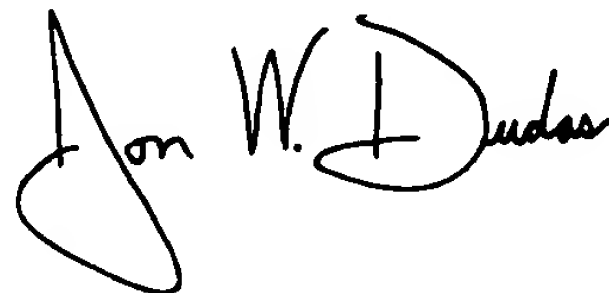
At column 11, line 15, Below table, delete "Total volume of reaction chambers

$5 \times 300 \times 300 \times 4 \text{ mm}^3 = 1,800 \text{ cm}^3$ ."

At column 11, line 23, Delete "calculates" and insert -- calculated --, therefor.

Signed and Sealed this

Twentieth Day of January, 2009



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*